

Technical Data Sheet

TYPE	: Thermoplastic Acrylic Resin
PRODUCT	: BENCRYL 50T60
<u>PRODUCT DATA</u>	
APPEARANCE	: Crystal clear
SOLVENT	: Toluene
NON-VOLATILE MATTER (%)	: 60 ±2%
ACIDITY [mgKOH/g]	: 4 ~ 8
VISCOSITY [mpa s] (25 °C)	: 6000 ~ 15000
DENSITY [g/cm ³], approx (25 °C)	: 1.01
FLASH POINT, approx (°C)	: 27
Tg (°C)	: 50

SPECIAL PROPERTIES AND USE

- Fast drying, good adhesion, general performance as 1k thermoplastic resin.
- Road paint, marking paint, or primer for steel surfaces.

PACKAGING

- In 200 KG net mild steel tight head drums.

White Paint Formulation			
Order	Ingredients	Weight Percentage	Notes
1	BENCRYL 50T60	60	Thinner: Butyl acetate: Xylene = 1 : 1 Using tinplate as base material if no remarks.
2	BYK110	1	
3	Xylene	3	
4	Butyl acetate	3	
5	Dupont 902 TiO ₂	30	
6	BYK358N	0.2	
7	Butyl acetate for adjusting viscosity	3	
	Total	100	
Coating Performance			
Test		Result	Standard
Surface drying(25 °C)		< 10 min	GB/T 1728-1979
Gloss (60°)		95.0 °	GB/T 9754-2007
Impact testing 50kg.cm		Pass	GB/T 1732-1993
Adhesion		100/100	GB/T 9286-1998
Flexibility		1 mm	GB/T 1731-1993
Pencil Hardness		B	GB/T 6739-2006

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